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(71) Applicant (*for all designated States except US*): OUTSMART LTD. [IL/IL]; 1 Bat-Sheva Street, 71100 Lod (IL).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): DOTAN, Eran [IL/IL]; 47/10 Yehuda Maccabi Street, 62309 Tel Aviv (IL). SALOMON, Ofer [IL/IL]; P.O. Box 47, 76875 Kfar Hanagid (IL). ARUCH, Ronny [IL/IL]; 7 Rosh-Pina Street, 49723 Petah Tikva (IL). GOLDMAN, Boaz [IL/IL]; House 118, 90855 Moshav Shoveva (IL).

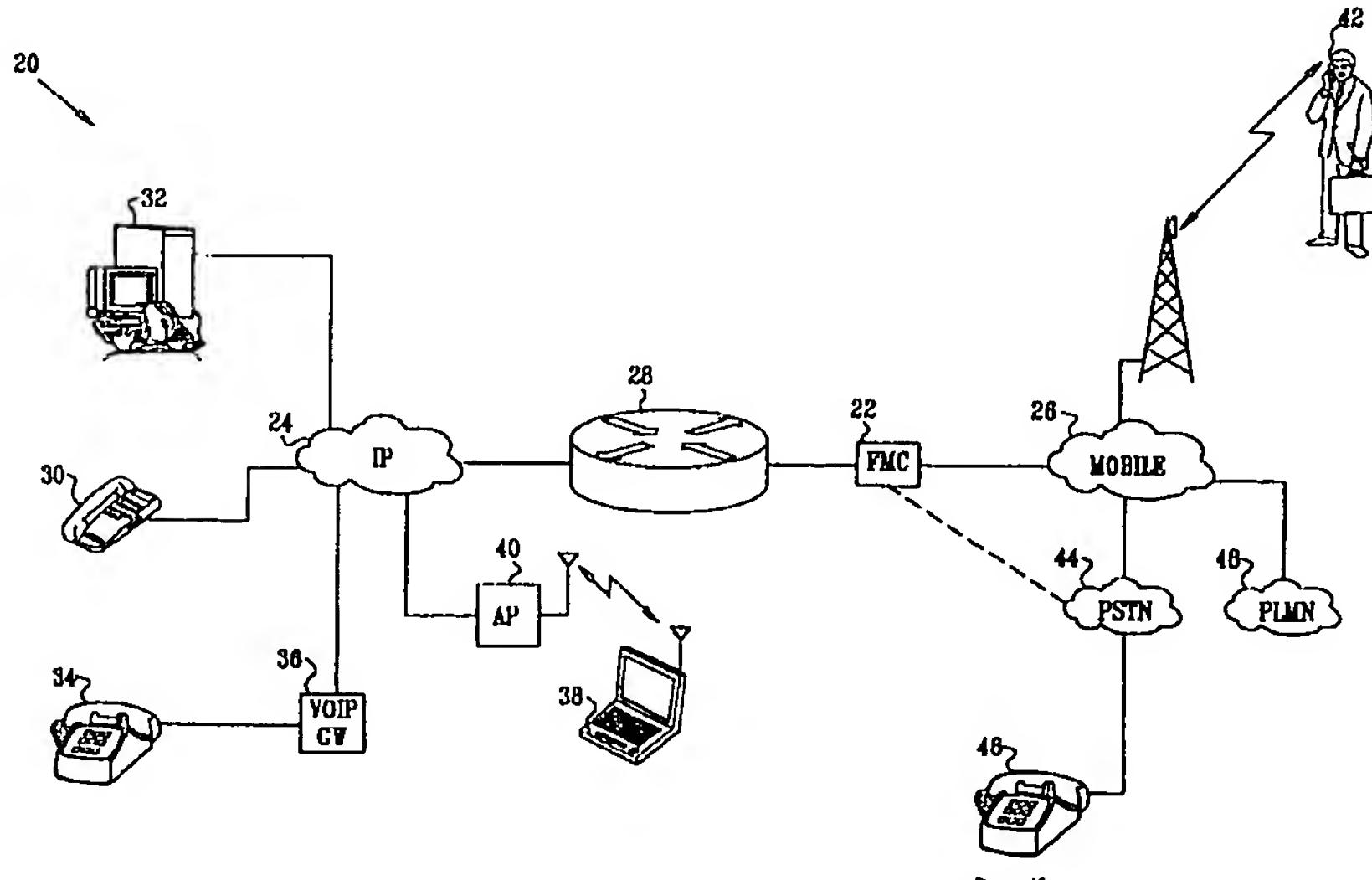
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(54) Title: INTEGRATION OF PACKET AND CELLULAR TELEPHONE NETWORKS

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(57) Abstract: Communication apparatus (22) includes a packet network interface (62), for coupling to a packet switch (28) in a packet network (24), and a telephone network interface (63), for coupling to a node (54) in a circuit-switched telephone network (26). A convergence processor (66) is coupled between the packet network and telephone network interfaces and adapted to emulate a mobile switching center (MSC) and a visitor location register (VLR) in the circuit-switched telephone network so as to assign telephone numbers in the circuit-switched telephone network to user terminals (30, 32, 34, 38) in the packet network and to connect telephone calls, using the assigned telephone numbers, between telephones (42) in the circuit-switched network and the user terminals. 51617



*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*